

REMARKS

Reconsideration of this application is respectfully requested in view of the foregoing amendments and the following remarks.

Claim Amendments

Claims 6, 7, 9-14, 20-22, 25-26, 29-35 are pending. Claims 15-16 and 27-28 are cancelled without prejudice. Claims 6, 11, 14, 25, 26, 30, and 31 are amended. All the claims, including the amendments, are shown in the previous section. Specifically, SEQ ID NO: 5 has been replaced with SEQ ID NO: 99 in claims 6, 11, 14, 25, 26, 30, and 31. This amendment is supported by Applicants' specification at least by Figure 1 (51 nucleic acids in lower case letters represent the signal sequence, while the remainder of the polynucleotide is represented by now SEQ ID NO: 98), and Tables 2-5. Claim 30, part (a), position 9 is removed from the claim. Applicants believe these amendments do not introduce new matter.

Sequence Listing

Submitted concurrently with this amendment is an electronic copy of the Sequence Listing for the above-identified application submitted under 37 C.F.R. § 1.821(e) and a Statement to Support Filing and Submission. Applicants respectfully request that the electronic copy of the Sequence Listing be entered into the application. The electronic copy contains no new matter (37 C.F.R. § 1.821 (g)). SEQ ID NOs 98 and 99 are now included in the Sequence Listing. Support for these sequences is found in the application as filed, especially at FIG. 1 which shows the 51 nucleic acid signal sequence which precedes now SEQ ID NO: 98. SEQ ID NO: 98 encodes SEQ ID NO: 99. Additional support is found at least in Tables 2-5.

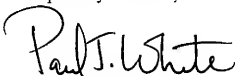
Applicants do not believe a paper copy is required at this time. If the Examiner further requires a paper copy, please inform the undersigned.

CONCLUSION

For the reasons set forth above, Applicants respectfully submit the claims are allowable and reconsideration and issuance of a notice of allowance are respectfully requested. If it would be helpful to obtain favorable consideration of this case, the Examiner is encouraged to call and discuss this case with the undersigned.

This constitutes a request for any needed extension of time and an authorization to charge all fees therefore to deposit account No. 14-0460 if not otherwise specifically requested. The undersigned hereby authorizes the charge of any required fees not included or any deficiency of fees submitted herewith to be charged to deposit account No. 14-0460.

Respectfully submitted,

A handwritten signature in black ink that reads "Paul J. White". The signature is written in a cursive style with a large, looping initial "P".

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